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MATERIAL SAFETY DATA SHEET



SDMS DocID

548856

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RTV106

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REVISED: 10/21/85
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***** I PRODUCT IDENTIFICATION *****

PRODUCT IDENTIFICATION RTV106 CHEMICAL FAMILY:SILICONE SEALANT
CHEMICAL NAME: RTV SILICONE SEALANT FORMULA: MIXTURE

***** II PRODUCT COMPONENTS *****

PRODUCT COMPOSITION	APPROX. %	ACGIH TLV	OSHA PEL	UNITS	CAS REG NO.
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A. HAZARDOUS

METHYLTRIACTOXYLANE

< 05% 10

PPM

4253-34-3 *
Superfund Records Center

B. NON-HAZARDOUS

SITE: Willis E+H

***** III PHYSICAL DATA *****

BREAK: 11.9

OTHER: 548856

**PRODUCT INFORMATION

BOILING POINT NA (F) NA (C)	PHYSICAL STATE	PASTE
FREEZING POINT NA (F) NA (C)	ODOR	ACETIC ACID
MELTING POINT NA (F) NA (C)	COLOR	RED
VAPOR PRESSURE (20 C) NEGL.MM HG	PH	NA
VAPOR DENSITY (AIR=1) NEGL.	ACIDITY/	
% VOLATILE BY VOLUME <5	ALKALINITY	UNKN MEG/G
	DENSITY	UNKN MG/M3
	SPECIFIC GRAVITY 1.01 (WATER=1)	
	EVAPORATION RATE <1 (BUTYL ACETATE=1)	

SOLUBILITY IN WATER (20 C) INSOLUBLE

SOLUBILITY IN ORGANIC SOLVENT PARTIALLY SOLUBLE IN TOLUENE
(STATE SOLVENT):

***** IV FIRE AND EXPLOSION DATA *****

FLASH POINT 210 (F) 98.9 (C) BY PMCC IGNITION TEMP NA (F) NA (C)
FLAMMABLE LIMITS IN AIR(%): LOWER NA UPPER NA
EXTINGUISHING MEDIA:

ALL STANDARD FIREFIGHTING MEDIA

SPECIAL FIREFIGHTING PROCEDURES:

NONE KNOWN.

***** V REACTIVITY DATA *****

STABILITY:

X STABLE UNSTABLE

HAZARDOUS DECOMPOSITION PRODUCTS:

SILICON DIOXIDE.

ACETIC ACID.

INCOMPATIBILITY (MATERIALS TO AVOID):

NONE KNOWN.

CONDITIONS TO AVOID:

NONE KNOWN.

HAZARDOUS:

POLYMERIZATION WILL NOT OCCUR

***** VI HEALTH HAZARD DATA *****

ACUTE SIGNS/EFFECTS OF OVEREXPOSURE:

INGESTION:

NONE KNOWN

SKIN CONTACT:

UNCURED PRODUCT CONTACT WILL IRRITATE LIPS, GUMS AND TONGUE.

UNCURED PRODUCT CONTACT MAY IRRITATE THE SKIN.

INHALATION:

APPLIES ONLY IN UNCURED STATE.

MAY CAUSE MILD RESPIRATORY IRRITATION.

EYE CONTACT:

UNCURED PRODUCT CONTACT IRRITATES EYES.

MEDICAL CONDITIONS AGGRAVATED:

NONE KNOWN.

OTHER:

CHRONIC EFFECTS OF OVEREXPOSURE:

NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES:

INGESTION:

RINSE MOUTH WITH WATER SEVERAL TIMES.

SKIN:

TO CLEAN FROM SKIN, REMOVE COMPLETELY WITH A DRY CLOTH OR PAPER TOWEL, BEFORE WASHING WITH DETERGENT AND WATER.

INHALATION:

MOVE PERSON TO FRESH AIR.

EYES:

IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

NOTE TO PHYSICIAN:

NONE KNOWN.

TOXICITY: METHYLTRIACTETOXYSILANE

ACUTE ORAL LD50 2060 (RAT) MG/KG

ACUTE DERMAL LD50 NONE FOUND MG/KG

ACUTE INHALATION LC50 NONE

OTHER NONE.
AMES TEST: UNKNOWN
PRINCIPAL ROUTES OF EXPOSURE:
DERMAL - SKIN.
PRODUCTS/INGREDIENTS:
NONE KNOWN.

***** VII SPECIAL PROTECTIVE EQUIPMENT *****

RESPIRATORY PROTECTION:
USE IN A WELL VENTILATED AREA.
PROTECTIVE GLOVES:
RUBBER GLOVES.
CLOTH GLOVES.
EYE AND FACE PROTECTION:
SAFETY GLASSES.
OTHER PROTECTIVE EQUIPMENT:
NONE KNOWN.
VENTILATION:
USE ONLY IN WELL VENTILATED AREA.
MECHANICAL VENTILATION.

*** VIII SPILL, LEAK AND DISPOSAL PROCEDURES ***

ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
WIPE, SCRAPE OR SOAK UP IN AN INERT MATERIAL AND PUT IN A
CONTAINER FOR DISPOSAL.
WASH WALKING SURFACES WITH DETERGENT AND WATER TO REDUCE SLIP-
PING HAZARD.
WEAR PROPER PROTECTIVE EQUIPMENT AS SPECIFIED IN THE PROTECTIVE
EQUIPMENT SECTION.
DISPOSAL METHOD:
DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH FEDERAL, STATE AND
LOCAL REGULATIONS.

***** IX SPECIAL PRECAUTIONS *****

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
AVOID CONTACT WITH SKIN AND EYES.
CAUTION!
REMOVE CONTACT LENSES BEFORE USING SEALANT. DO NOT HANDLE
LENSES UNTIL ALL SEALANT HAS BEEN CLEANED FROM THE FINGER-
TIPS, NAILS AND CUTICLES. RESIDUAL SEALANT MAY REMAIN ON
FINGERS FOR SEVERAL DAYS AND TRANSFER TO LENSES AND CAUSE
SEVERE EYE IRRITATION.
PRODUCT RELEASES ACETIC ACID DURING APPLICATION AND CURING.
USE MECHANICAL VENTILATION TO STAY BELOW TLV OF 10 PPM ACETIC
ACID.
UNCURED PRODUCT CONTACT IRRITATES EYES.
UNCURED PRODUCT CONTACT MAY IRRITATE SKIN.

USE IN A WELL VENTILATED AREA TO PREVENT IRRITATION BY VAPORS.
ENGINEERING CONTROLS:

EXHAUST VENTILATION

EYEWASH STATIONS.

USE IN A WELL VENTILATED AREA.

** X SHIPPING AND REGULATORY CLASSIFICATION DATA **

DOT SHIPPING NAME: NA UN/NA NUMBER: NA
DOT HAZARD CLASS: NA
DOT LABEL(S): NA
EPA HAZARD WASTE: NA
OSHA HAZARD CLASS: EYE IRRITANT
CPSC CLASSIFICATION: NA
TRANSPORTATION CLASS: IMO NA
RID (OCTI) NA
ADR (ECE) NA
RAR (IATA) NA

NEPA/HMIS CLASSIFICATION: FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 2
ADDITIONAL INFORMATION:

THESE DATA ARE OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EITHER EXPRESSED OR IMPLIED, IS MADE. THE RECOMMENDED HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTENT OF THE INTENDED USE.